

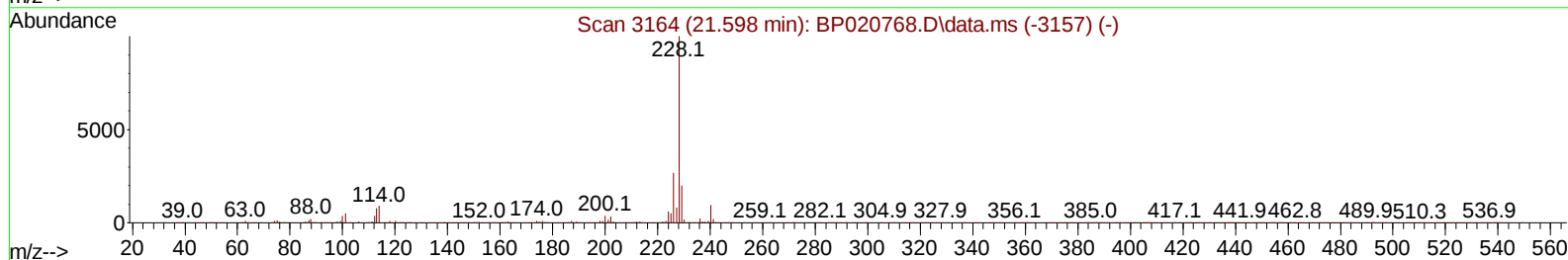
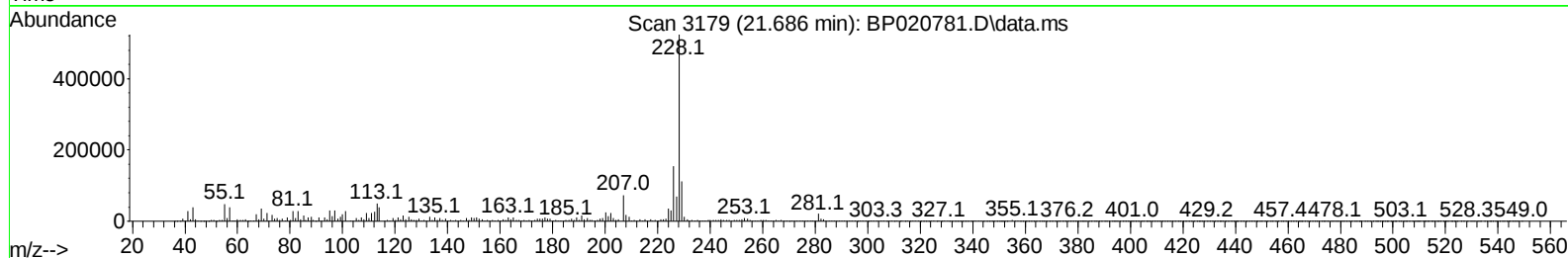
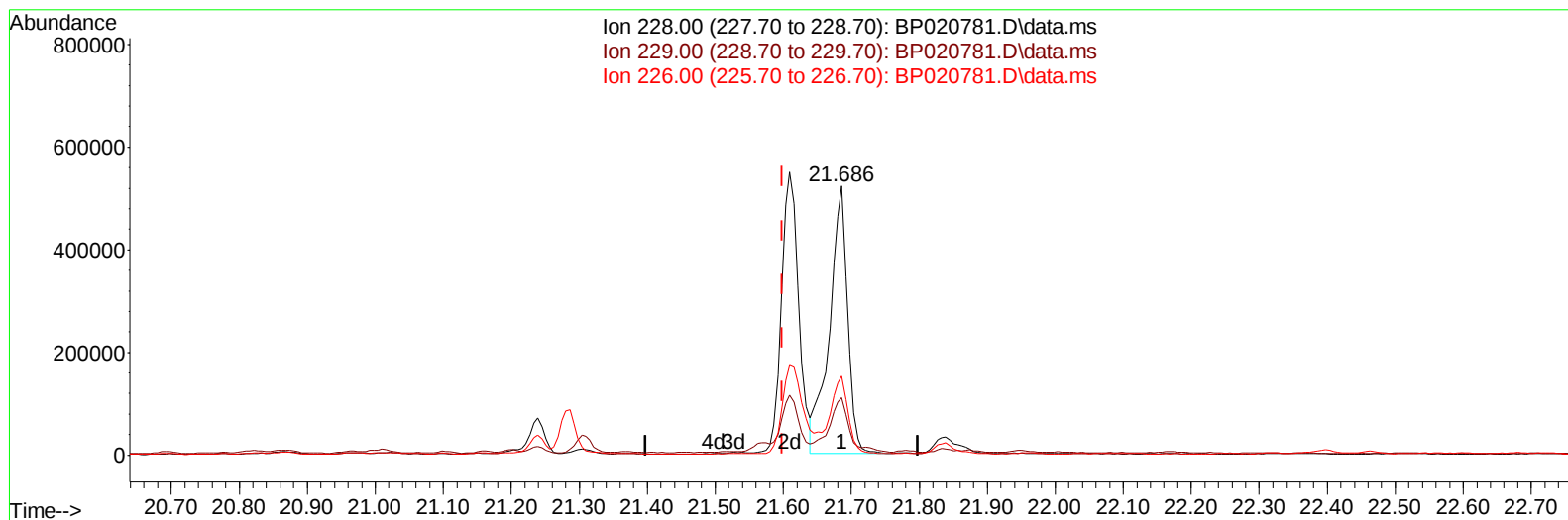
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020781.D
Acq On : 03 Jul 2024 23:01
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:42:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BP020781.D\data.ms

(85) Benzo(a)anthracene

21.686min (+ 0.088) 16.47 ng/u1

response 974524

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.00	21.26
226.00	26.40	29.47
0.00	0.00	0.00

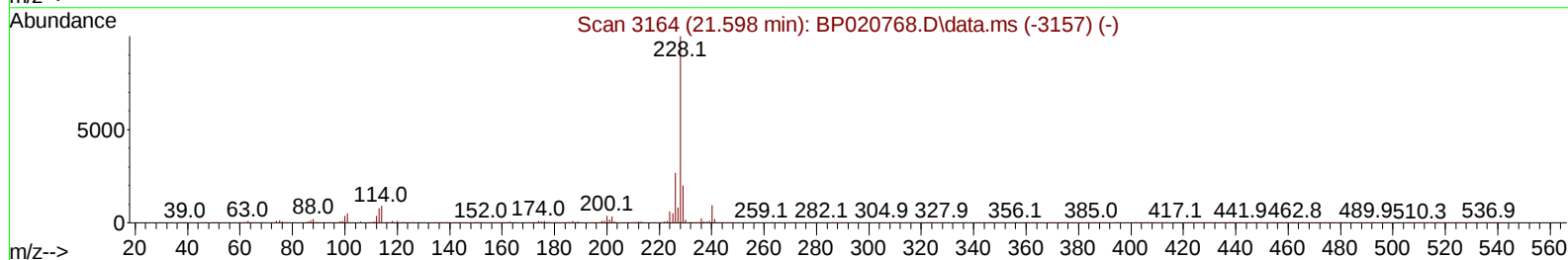
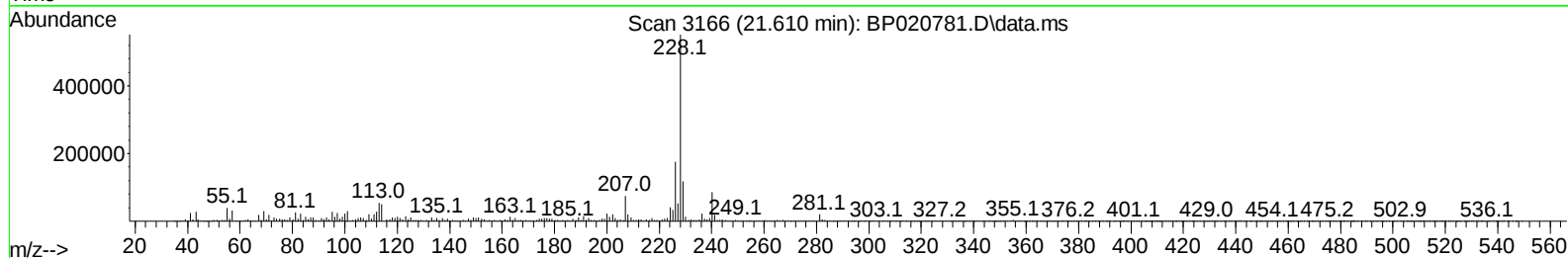
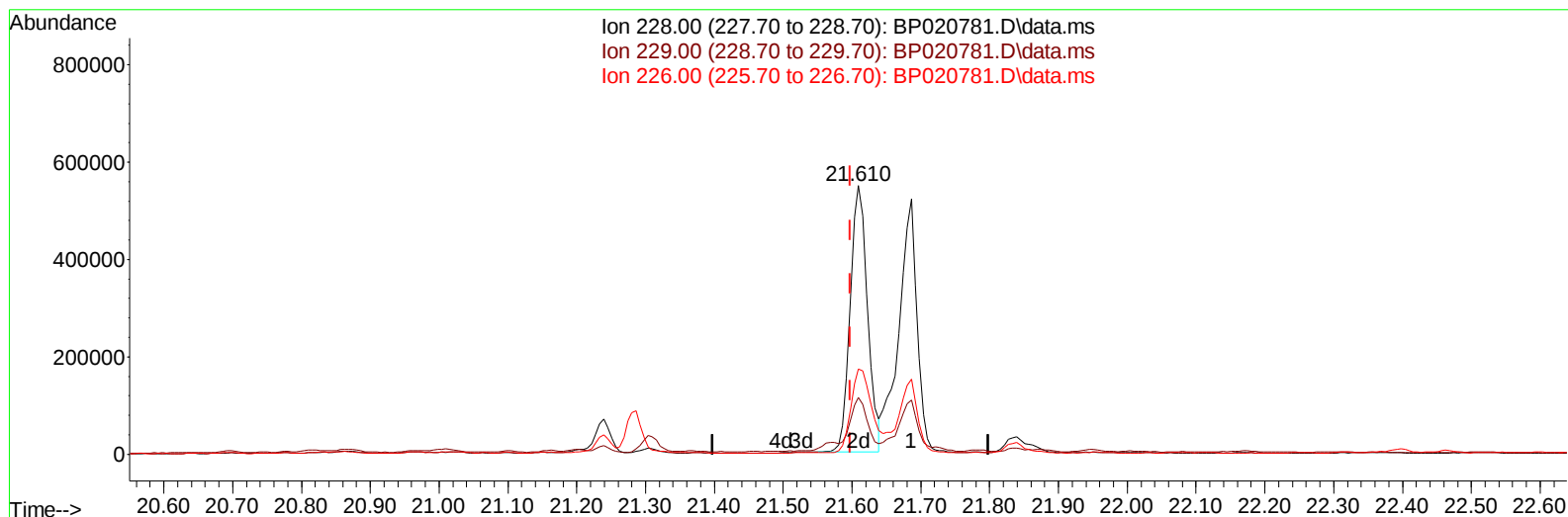
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020781.D
Acq On : 03 Jul 2024 23:01
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:42:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BP020781.D\data.ms

(85) Benzo(a)anthracene

21.610min (+ 0.012) 16.32 ng/ul m

response 965468

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.00	21.21
226.00	26.40	31.82#
0.00	0.00	0.00

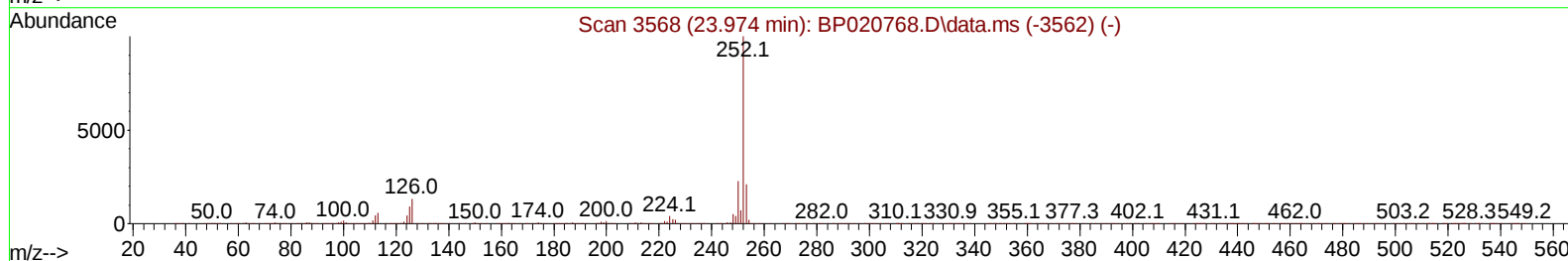
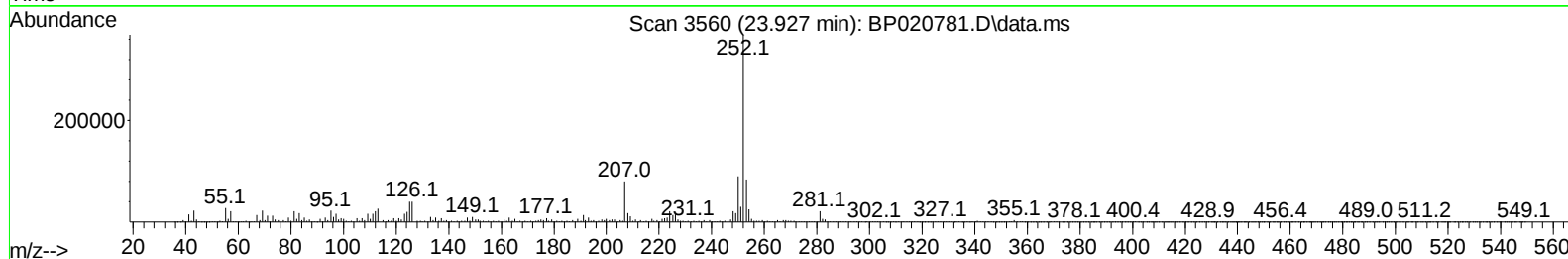
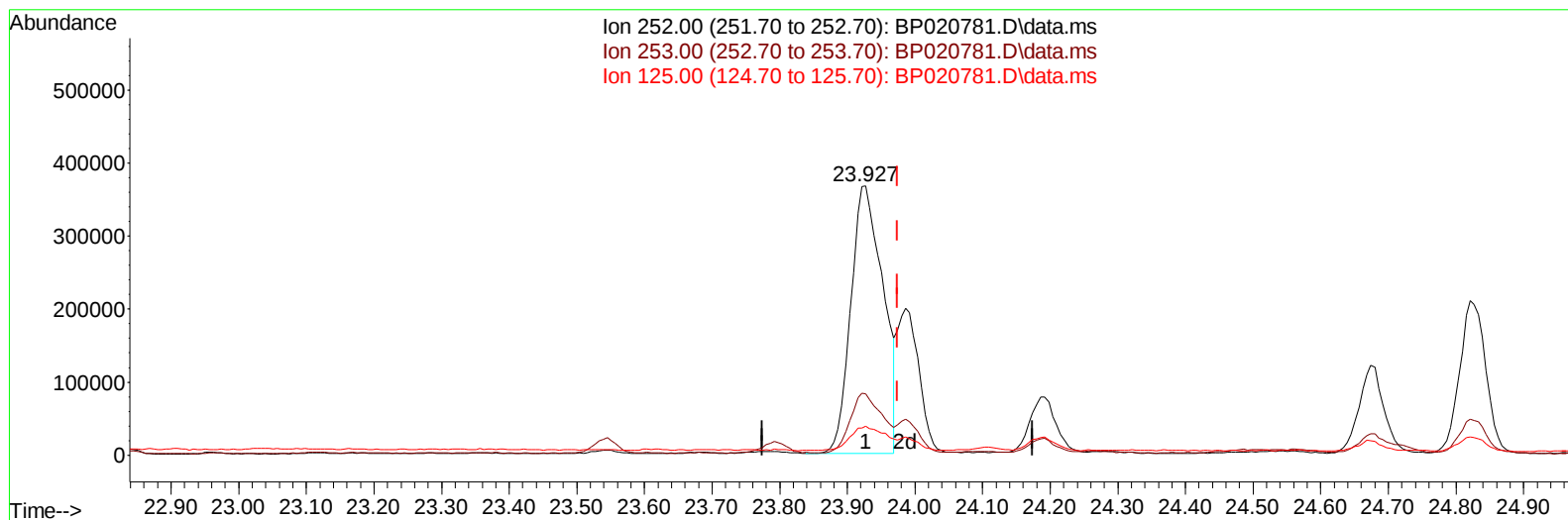
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020781.D
 Acq On : 03 Jul 2024 23:01
 Operator : MA/JU
 Sample : P2964-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:42:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BP020781.D\data.ms

(91) Benzo(k)fluoranthene

23.927min (-0.047) 19.56 ng/u1

response 1219547

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.89
125.00	9.90	10.82
0.00	0.00	0.00

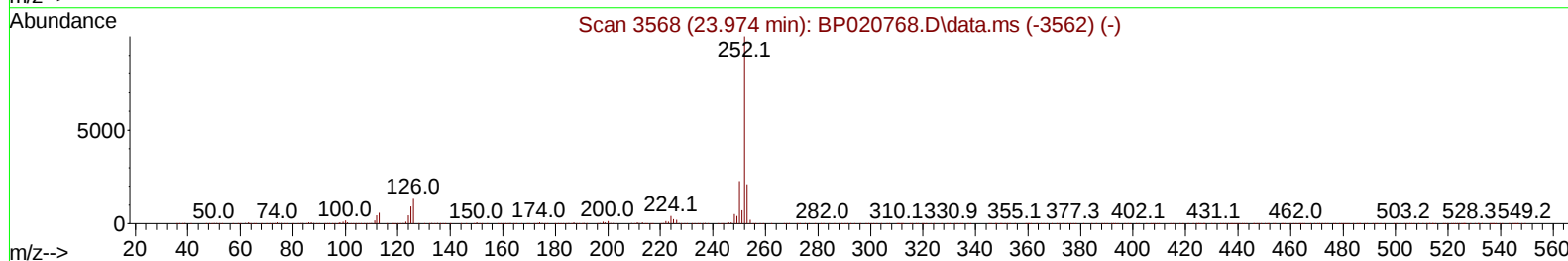
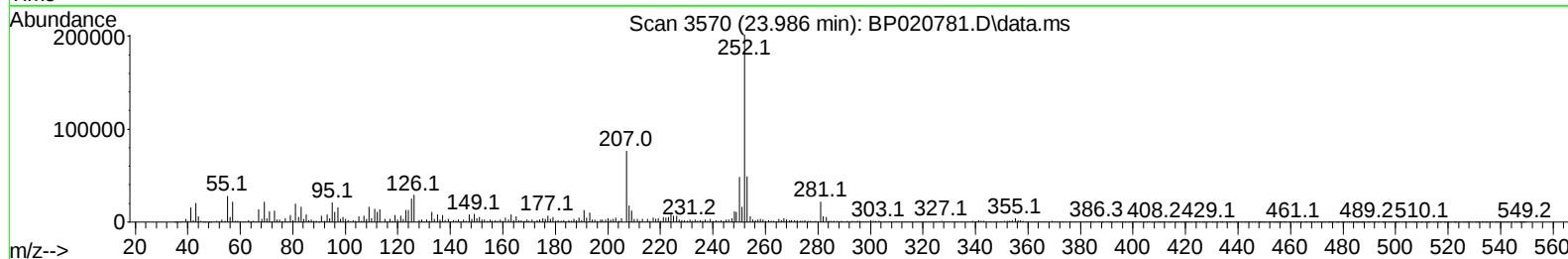
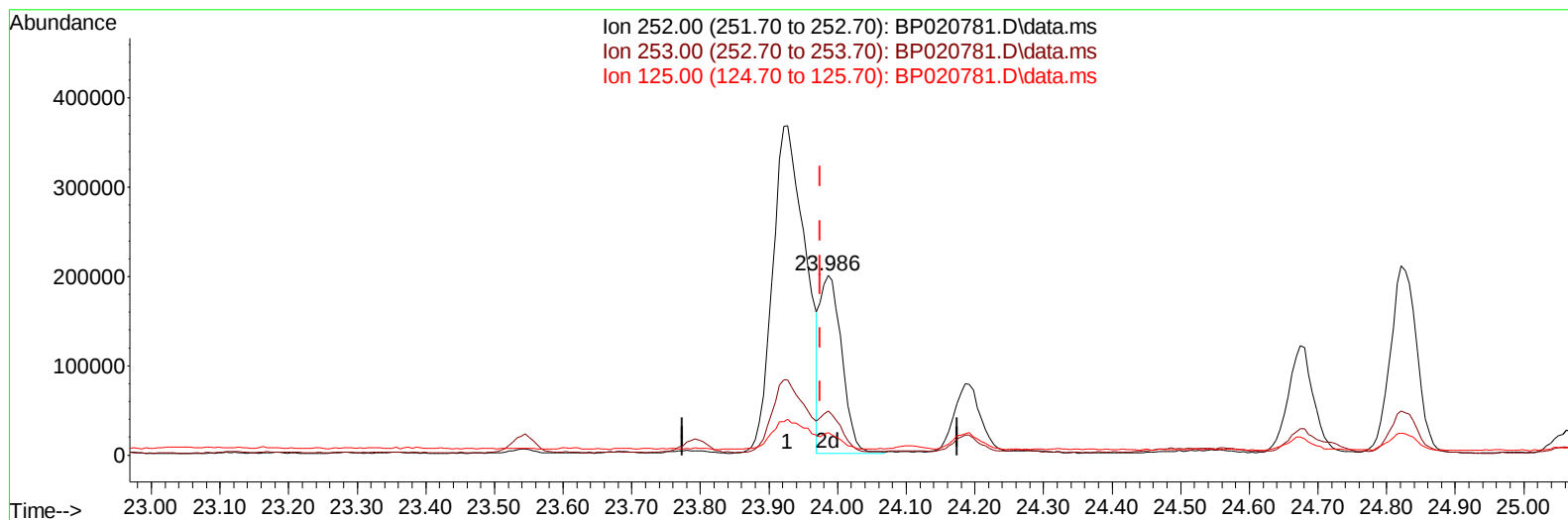
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020781.D
Acq On : 03 Jul 2024 23:01
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:42:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BP020781.D\data.ms

(91) Benzo(k)fluoranthene

23.986min (+ 0.012) 7.09 ng/u1 m

response 442305

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	24.37
125.00	9.90	12.52#
0.00	0.00	0.00

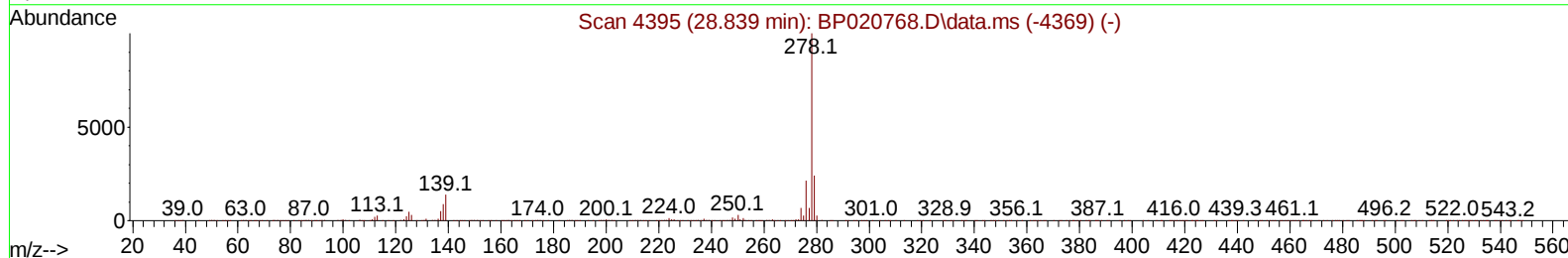
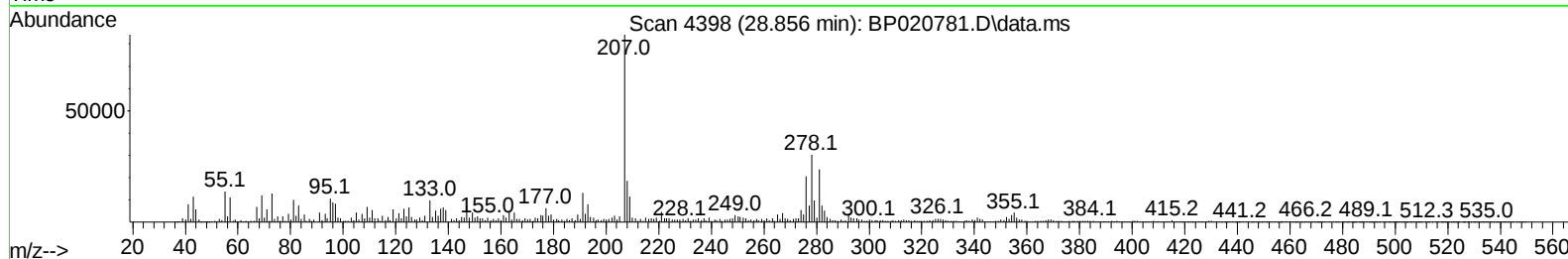
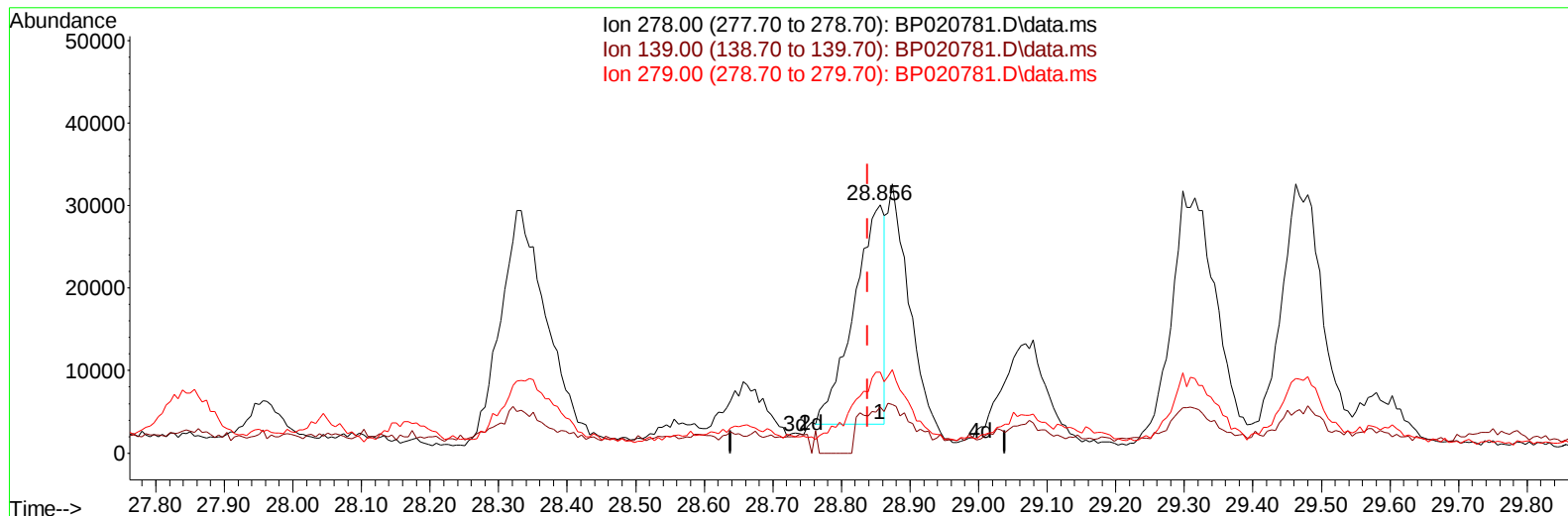
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020781.D
Acq On : 03 Jul 2024 23:01
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:42:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BP020781.D\data.ms

(95) Dibenzo(a,h)anthracene

28.856min (+ 0.017) 1.35 ng/u1

response 82640

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.90	18.46#
279.00	23.40	32.66#
0.00	0.00	0.00

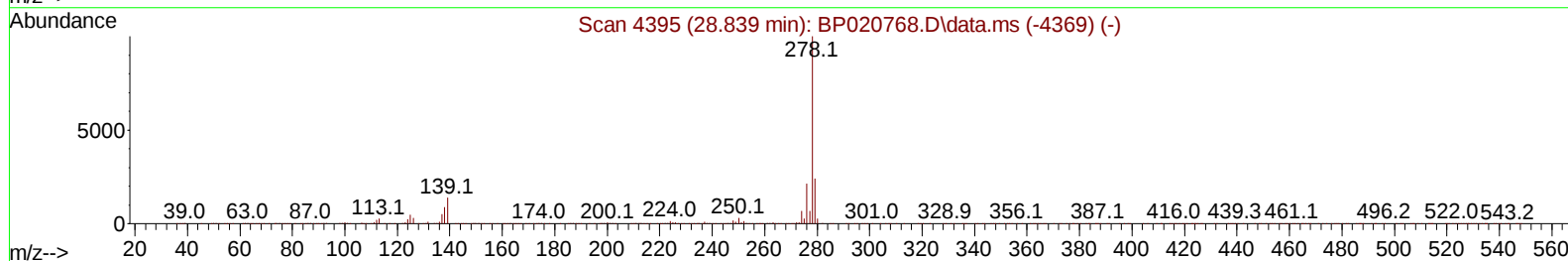
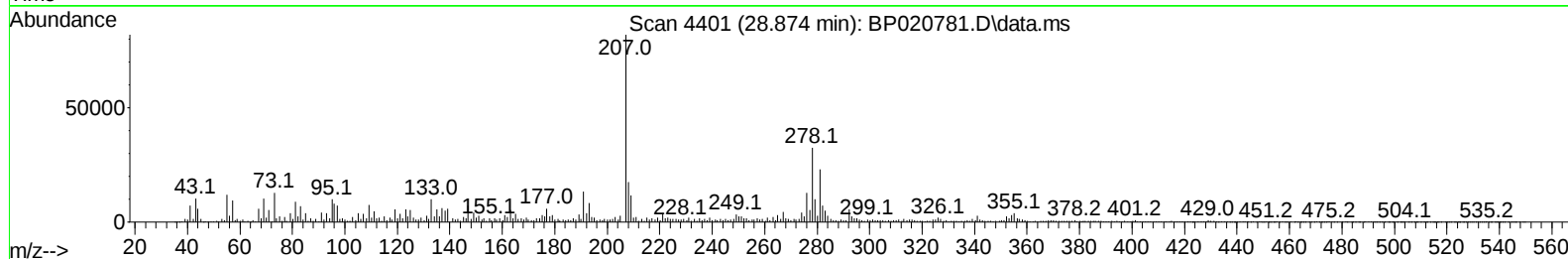
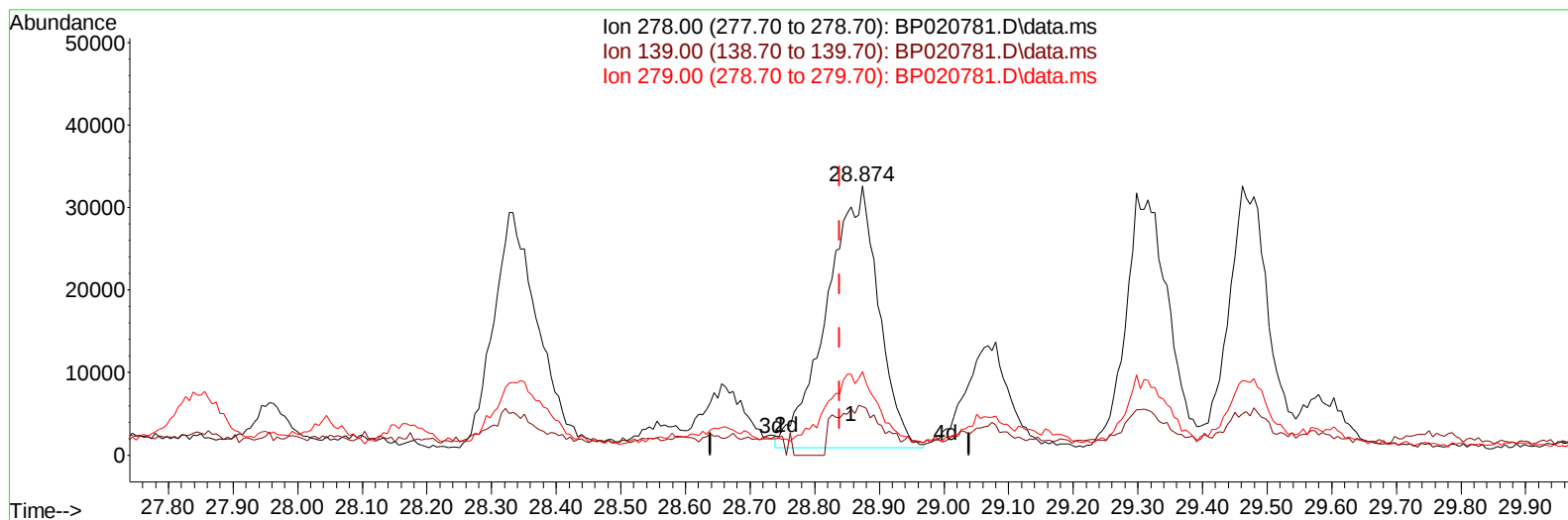
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020781.D
Acq On : 03 Jul 2024 23:01
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:42:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BP020781.D\data.ms

(95) Dibenzo(a,h)anthracene

28.874min (+ 0.035) 2.87 ng/u1 m

response 176185

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.90	17.98#
279.00	23.40	31.10#
0.00	0.00	0.00

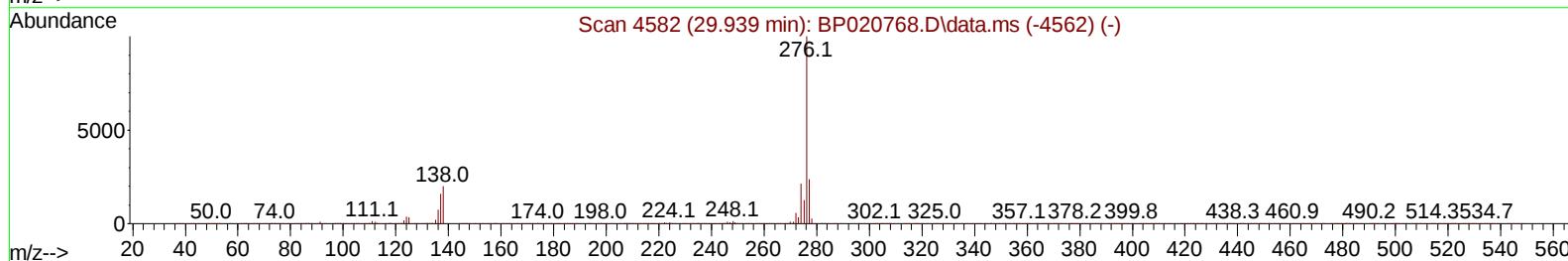
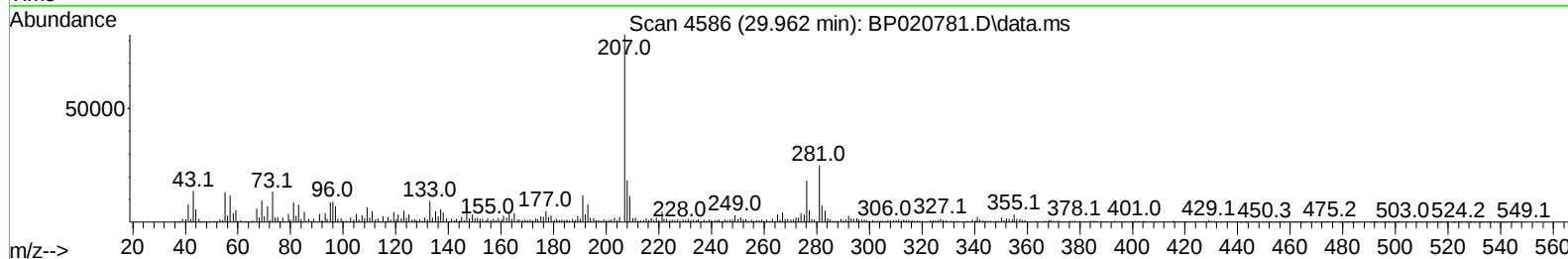
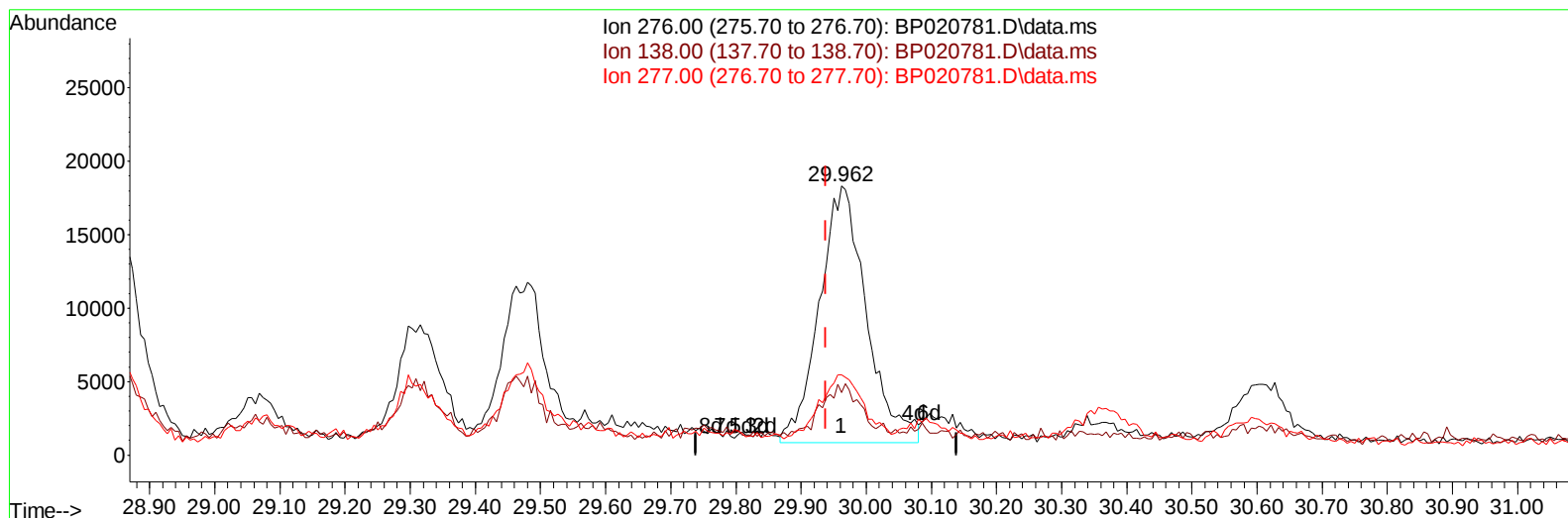
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020781.D
Acq On : 03 Jul 2024 23:01
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:44:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BP020781.D\data.ms

(96) Benzo(g,h,i)perylene

29.962min (+ 0.023) 1.44 ng/ul m

response 87925

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	23.13
277.00	23.40	29.75#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020781.D
 Acq On : 03 Jul 2024 23:01
 Operator : MA/JU
 Sample : P2964-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:45:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152		175962	20.000	ng/ul	0.00
20) Naphthalene-d8	10.498	136		709765	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164		462640	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188		969557	20.000	ng/ul	0.01
79) Chrysene-d12	21.627	240		844149	20.000	ng/ul	0.00
88) Perylene-d12	24.980	264		1017556	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.269	96		13701	3.344	ng/uL	0.00
4) Pyridine-d5	3.693	84		17689	1.481	ng/ul	0.01
7) Phenol-d5	6.922	99		283064	19.613	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67		169467	18.522	ng/ul	0.00
11) 2-Chlorophenol-d4	7.275	132		241120	20.442	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113		232410	19.828	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128		119201	22.748	ng/ul	0.00
24) 2-Nitrophenol-d4	9.598	143		131708	25.116	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165		235852	21.834	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131		113647	7.507	ng/ul	0.01
46) Dimethylphthalate-d6	13.769	166		763572	23.738	ng/ul	0.01
49) Acenaphthylene-d8	14.051	160		866516	22.575	ng/ul	0.01
54) 4-Nitrophenol-d4	14.604	143		90170	18.347	ng/ul	0.02
60) Fluorene-d10	15.375	176		653668	24.149	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.510	200		63778	13.053	ng/ul	0.01
73) Anthracene-d10	17.275	188		1015203	23.331	ng/ul	0.01
81) Pyrene-d10	19.663	212		1001136	19.741	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.762	264		759950	15.353	ng/ul	0.02
Target Compounds							
						Qvalue	
30) Naphthalene	10.551	128		54788	1.442	ng/ul	99
50) Acenaphthylene	14.081	152		157633	3.636	ng/ul	99
56) Dibenzofuran	14.769	168		60968	1.573	ng/ul	98
61) Fluorene	15.433	166		74170	2.382	ng/ul	98
72) Phenanthrene	17.222	178		1302242	25.649	ng/ul	100
74) Anthracene	17.310	178		307383	5.886	ng/ul	99
77) Carbazole	17.592	167		46436	1.077	ng/ul	98
80) Fluoranthene	19.316	202		2083464	33.633	ng/ul	99
82) Pyrene	19.692	202		1649514	25.964	ng/ul	97
85) Benzo(a)anthracene	21.610	228		965468m	16.317	ng/ul	
87) Chrysene	21.686	228		972367	17.386	ng/ul	99
90) Benzo(b)fluoranthene	23.927	252		1219547	19.783	ng/ul	98
91) Benzo(k)fluoranthene	23.986	252		442305m	7.093	ng/ul	
93) Benzo(a)pyrene	24.821	252		564220	9.696	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.797	276		537041	7.195	ng/ul	97
95) Dibenzo(a,h)anthracene	28.874	278		176185m	2.872	ng/ul	
96) Benzo(g,h,i)perylene	29.962	276		87925m	1.443	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020781.D
 Acq On : 03 Jul 2024 23:01
 Operator : MA/JU
 Sample : P2964-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS4

Manual IntegrationsAPPROVED

Quant Time: Jul 03 23:45:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

